

Name

Car

$$d = 36.3 \text{ km}$$

$$t = \frac{35 \text{ min}}{1} \times \frac{1 \text{ hr}}{60 \text{ min}} = .58 \text{ hr}$$

$$S = \frac{d}{t}$$

$$= \frac{36.3 \text{ km}}{.58 \text{ hr}}$$

$$S = 62.59 \frac{\text{km}}{\text{hr}}$$

average speed

46.36 km/h

43.37 km/h

42.00 km/h

45.33 km/h

46.15 km/h

① Data know - need to know.

$$d = 36.3 \text{ km}$$

$$t = .58 \text{ hr}$$

$$S = ?$$

② EQUATION - which tool to use

$$S = \frac{d}{t}$$

③ SUBSTITUTION — SHOW WORK

$$S = \frac{d}{t} = \frac{36.3 \text{ km}}{.58 \text{ hrs}}$$

④⑤ ANSWER / UNITS + DIRECTION

$$S = 62.59 \frac{\text{km}}{\text{hr}}$$